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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/763,710

01/22/2004

Xuan S. Bui

30293-1010

7658

7590

05/05/2006

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EXAMINER

WILSON, LEE D

ART UNIT

PAPER NUMBER

3723

DATE MAILED: 05/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

So

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/763,710	BUI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	LEE D. WILSON	3723	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,2,4,6,8,12-16,19,22,23 and 30-48 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6,12-16,19,22,23 and 30-34, 37-48 is/are rejected.
- 7) ☒ Claim(s) 8,35 and 36 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 30 is rejected under 35 U.S.C. 102(e) as being anticipated by Newbould (6874773).

Newbould discloses a multi axis chuck device having a first portion (2&6), a second portion (1), motors (4&5), a third portion (9) which are all rotatable connected.

3. Claims 1 and 30 are rejected under 35 U.S.C. 102(e) as being anticipated by Oshima (2002/0180133A1).

Oshima discloses a multi axis chuck device having a first portion (7 with cutting region 10), a second portion (6), a third portion (2) which are all rotatable connected.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 3723

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 31-34 and 41-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Newbould (6974773) in view of Prochac (6427993).

- a. Newbould is discussed above.
- b. Newbould does not disclose scales indicating the degree of freedom.
- c. Prochac discloses a holding device having a scales indicating markings on the apparatus so the measurements can help align the workpiece or workpieces.

6. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified the Newbould device by providing scale indication markings as taught by Porchac so that apparatus the measures the alignment the workpiece or workpieces.

7. Claims 1, 6, 12-16, 19, 22-23, 30, and 37-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Floren (3273879) in view of Taniguchi et al (4492356).

- d. Floren a disclose rotating a multi axis chuck to various position and repositioning.
- e. Floren does not disclose a motor having a controller with a sensor.
- f. Taniguchi et al teach a method multi axis chuck having a motor (8) and controller (34) with a sensor (30) which allows for automatic positioning of the workpiece .

g. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified Floren device by replacing the hand crank with a motor and controller as taught by which allows for automatic positioning of the workpiece .

8. Claims 2- 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Floren (3273879) as applied to claims 1, 6, 12-16, 19, 22-23, 30, and 37-44 above, and further in view of Prochac (6427993).

h. Floren (3273879) is discussed above.

i. Floren (3273879) does not disclose scales indicating the degree of freedom.

j. Prochac discloses a holding device having a scales indicating markings on the apparatus so the measurements can help align the workpiece or workpieces.

k. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified the modified Floren (3273879) device by providing scale indication markings as taught by Porchac so that apparatus the measures the alignment the workpiece or workpieces.

***Allowable Subject Matter***

9. Claims 8 and 35-36 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Response to Arguments***

10. **Applicant's arguments filed 3/6/06 have been fully considered but they are not persuasive.**

11. **Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.**

I. New allowable subject matter has been cited in view of the new rejections. Applicant relied on the old allowable subject matter; however, applicant should now incorporate the new allowable subject matter.

***Conclusion***

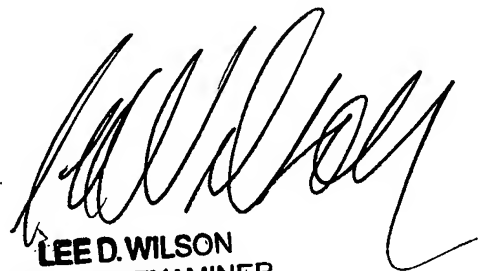
Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEE D WILSON whose telephone number is 571-272-4499. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOSEPH HAIL can be reached on 571-272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ldw

April 26, 2006



**LEE D. WILSON**  
**PRIMARY EXAMINER**